# *User Manual*

## FLASHLIGHT FOR USE IN HAZARDOUS LOCATIONS

**English** **ISSUED: 2014.05.07 V1**

**Description:**
DS-3 is a portable, hand-held intrinsically safe flashlight for use in hazardous locations and can be powered with three size C alkaline cells. It has high and low mode operating functions that allows users to operate for high brightness or long duration lighting.

**Features:**
- Intrinsically safe for use in hazardous locations
- High and Low mode functions
- Users high power CREE LED
- Submersible in water
- Tough and durable casing
- High efficient heatsink
- Screw fastener for safety precautions
- Build-in gas release vent

**Certifications:**

Class I Div 1&2 Grp ABCD / Class II Div 1&2 Grp EFG
Class III / Temperature Code T4 IP68 (3 meters 30 mins for IPX8)
File number: E324236

II 1G Ex ia IIC T4 IP68 (3 meters 30 mins for IPX8)
DEMKO 14 ATEX 1289X

Ex ia IIC T4 Ga IP68 (3 meters 30 mins for IPX8)
IECEx UL 14.0024X

0539

DAY SUN TECHNOLOGY LTD.
Address: 1st FL, No.1, Alley 2, Lane 110, Sec.4, Hsimen Rd.
North District, Tainan, 704 Taiwan
Tel: +886(6) 2517782 / Email: DST@day-sun.com.tw

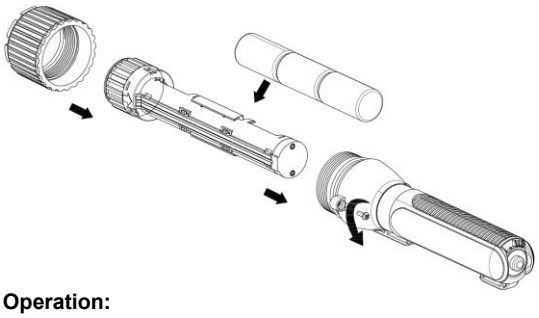
**Standards:**
1. UL 913, Seventh Edition
2. CSA C22.2 No.157-92, Reaffirmed 2012
3. EN 60079-0 : 2009 Edition
4. EN 60079-11 : 2012 Edition
5. EN 60079-26 : 2007 Edition
6. IEC 60079-0 : Fifth Edition
7. IEC 60079-11 : Sixth Edition
8. IEC 60079-26 : Second Edition

**Battery Replacement:**
Use only battery types below:
Alkaline type
Energizer E93
Duracell MN1400
Rayovac 814
Rayovac AL-C
Varta 4914

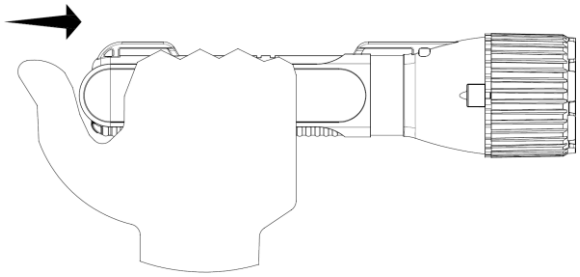
Warning: Do not open in hazardous locations.
Warning: Replace batteries only in hazardous areas.
Warning: To reduce the risk of explosion do not mix new batteries with used batteries, or mix batteries from different manufacturers or from different types.
Warning: Remove the batteries when unused for a period of time to prevent battery leakage in the device.
Warning: Substitution of components may impair intrinsic safety.

**Safety Warnings:**
1. The screw shall be secured tightly after opening and closing of the enclosure.
2. Clean the flashlight only with damp cloth to avoid static electricity.
3. Do not flash the light beam directly to human's eyes.
4. Always use the device following the regulations of each country.

**Installation:**



**Operation:**
Push rear button to operate. The sequence is high and the low mode.



**Accessories:**
- Hand Straps

**Warranty:**
1 years Limited Warranty